



**LESTER E. BOSTON, JR.**

*Senior Industrial Hygienist*

DOUGLAS AIRCRAFT COMPANY  
Internal Mail Code C1-121 (126-14)  
3855 Lakewood Blvd., Long Beach, CA 90846

(213) 593-4233

MEMORANDUM  
Brent Chemicals Corporation  
Metal Finishing Division  
14350 Cloverdale Avenue  
Detroit, MI 48238

DPM 298

TO MR LE Boston Jr DATE 6/17/82  
SUBJECT Wbs-x 150 Carbonate Remover (DAC PART NO. DPM 298)

Dear Mr Boston -

To my knowledge Wbs-x 150 has not been manufactured or sold for over 5 years. As I remember it was a fused Sodium Calcium Cyanide, thus a Poison B compound. It also contained some Calcium carbide thus it would eliminate acetylene gas upon contact with water. In either case, Ventilation should be used when using it.

If I can help in anyway, please call me at Brent Chemicals Corporation - (313) 862-9200.

Jan L. Lamm  
Technical Manager.

C. Denninger

**DOUGLAS AIRCRAFT COMPANY**

**MAY 14 1982**

MAIL CODE: C1 121 (126-14)

3855 Lakewood Boulevard Long Beach, California 90846

May 7, 1982

Stauffer Chemical Co.

Box 45170

San Francisco, Ca. 94145

YOUR PART NO. #WES-X-150NA

DAC PART NO. DPM 298

Gentlemen:

In order to achieve compliance with the Occupational Health and Environmental Control provisions of the Federal Occupational Safety and Health Standards, we desire information on the chemical, physical and toxicological properties of the following products:

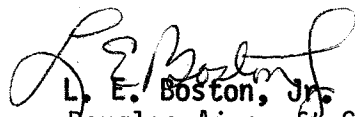
**CARBONATE REMOVER**

Enclosed are Material Safety Data Sheets for each product. These data sheets were prepared by the U.S. Department of Labor as a guide for suppliers in furnishing information which will assist us in making recommendations with regard to local exhaust ventilation, protective clothing, electrical equipment, fire extinguishers, and similar items.

Data received on these sheets will be used only as required to prevent accidents and injury to our employees.

Your earliest reply will be greatly appreciated.

Yours truly,

  
L. E. Boston, Jr.  
Douglas Aircraft Company

1 Attached.

PLEASE REFER TO DAC PART NO. IN YOUR REPLY.

**MCDONNELL DOUGLAS**

**CORPORATION**

U.S. DEPARTMENT OF LABOR  
WORKPLACE STANDARDS ADMINISTRATION  
BUREAU OF LABOR STANDARDS  
**MATERIAL SAFETY DATA SHEET**

MDC CONTROL NO. \_\_\_\_\_

**SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION**

MANUFACTURER'S NAME		EMERGENCY TELEPHONE NO.	
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)			
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS	
CHEMICAL FAMILY		FORMULA	

**SECTION II: HAZARDOUS INGREDIENTS\***

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)

**SECTION III: PHYSICAL DATA**

BOILING POINT (°F)		SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER			
APPEARANCE AND ODOR			

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS			

\*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.  
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

**SECTION V: HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

EMERGENCY AND FIRST AID PROCEDURES

**SECTION VI: REACTIVITY DATA**

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE		

INCOMPATIBILITY (MATERIALS TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR		

**SECTION VII: SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

WASTE DISPOSAL METHOD

**SECTION VIII: SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (SPECIFY TYPE)

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
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OTHER PROTECTIVE EQUIPMENT

**SECTION IX: SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

OTHER PRECAUTIONS

PREPARED BY

DATE